



EU FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION (2014 –

Societal Challenge 5: Climate Action, Environment, Resource Efficiency and Raw Materials

PARTNER is looking for a Project.-

1) PARTNER OFFERED

Organisation	INSTITUTO TECNÓLOGICO DE ARAGÓN (ITA) & INDUSTRIAL COMPANY	Type of organisation (IND, SME, RES, HE, others)	RES & IND
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I am familiar with the European Framework Programme: YES

I have experience as a Partner or Coordinator: YES

If yes, in which programmes/projects?

Coordination

KRISTAL (FP6-NMP): Knowledge-based Radical Innovation Surfacing for Tribology and Advanced Lubrication (Role: Administrative Coordination – Project Office)

TDMSEALS (FP7-SME AGs): Cost-effective low-friction SEALS by Texturing During Moulding technology (Role: project coordinator)

Partner

FIBCEM (FP7-NMP): Development of a cement based, nanotechnology enhanced material

ABSORBNET (FP7-SMEs): New concept and technology for high energy rock fall protection fences

NANOCORE (FP7-SMEs): Development of a low FST and high mechanical performance nanocomposite foam core material

ECOVARN (FP7-SMEs): Development of a wearable, functional, regulation-compliant Waterborne Wood Coating

ECOQUENCH (FP7-SMEs): Controlled Quenching and Heat Recovery from Hardened Al Alloy Extrusions

LIMOWOOD (FP7-SMEs): Advanced wood plastic composite material for the production of bath furniture resistant to moisture and free of coatings

COMPAIR (FP7-SMEs): Development of a manufacturing process for the production of small size complex-shaped structural aircraft components

SATCAS (FP7-Clean Sky): Numerical simulation of the assembly tolerances for Natural Laminar Flow wings

SAFEJOINT (FP7-NMP): Enhancing structural efficiency through novel dissimilar material joining techniques

RAMPAWARE (FP7-SME) Development of a robust cost-effective collision awareness and avoidance system for ground support equipment operating on the airport ramp
WINDTURBARS (FP7-SME) On-line Intelligent Diagnostics and Predictive Maintenance Sensor System Integrated within the Wind Turbine Bus-Bar structure to aid Dynamic Maintenance Scheduling
EVECTOORC (FP7-Green Cars) Electric-VEhicle Control of individual wheel Torque for On- and Off-Road Conditions
BEEMUP (FP7-Energy)- Building Energy Efficiency for Massive market Uptake
MIDAS (FP7- ICT) - Model and Inference Driven, Automated testing of Services architectures
OSIRIS (FP7-Transport)- Optimal Strategy to Innovate and Reduce energy consumption In urban rail Systems
COINAPO (COST Action): Composite Materials of Inorganic Nanotubes and Polymers

Role in desired project	technology development: X	research: X	demonstration: X
	dissemination:	training:	other:
Topic/s in which I am interested	WASTE-1-2014 Moving towards a circular economy through industrial symbiosis		
Expertise offered and what I would like to do	The Aragon Institute of Technology (ITA), along with a multinational industrial company in the sports equipment sector, are looking to join a consortium in the topic WASTE-1-2014. Our main interest is focused on the development of an artificial turf that it is completely recyclable. Artificial turf is a multi-material product made of polymeric materials, thermoplastic and thermoset resins, which has a low degree of recyclability and a high environmental impact. The development of this recyclable product would involve research and innovation activities related to the material composition of the product, material processing techniques, manufacturing techniques, technologies for the dismantling of the turf as well as for the separation and reuse of the materials, identification of potential applications for the reuse of the materials (either the same product or other products), LCA activities, etc...		

2) COORDINATOR / PROJECT sought after (for proposal submission only)

WP topic :

Project type

Research and Innovation Action	
Innovation Action	
CSA	
SME Instrument	

Keywords of project:

I AGREE WITH THE PUBLICATION OF MY DATA.

PLEASE FILL IN THE PROFILE FORM AND RETURN IT TO: lydia.gonzalez@cdti.es